

THE TECH

DAILY

VOL. XXIX. NO. 31.

BOSTON, MASS., WEDNESDAY, NOVEMBER 3, 1909

PRICE ONE CENT

THE "FAIR CO-ED" AT THE UNION AND FIELD

Miss Elsie Janis And Her Mother With Players To Attend Dinner

Field Day will surely be a great day this year, not alone in athletic events, nor in the humming of Buzz Wagons, for, although these will certainly make quite a stir and draw a big crowd, other things will happen. About noon, Friday, Nov. 5, all lines of traffic will lead to the Tech Union, because—Miss Elsie Janis is coming to dine—accepting this invitation as extended to her by the class of 1912. Although, not the birthday of 1912, there will be just twelve members of the company with Miss Janis, and her mother, who will also be present, thinks with this goodly protection, one "Fair Co-Ed" should be safe.

The Union will be gaily decorated in red and grey, and a round table will be spread at the center of the dining room, while on each side of this table places will be reserved for distinguished personages, on the left the leading men of the Institute, and at the right the managers, editors and board members of The Tech Daily will sit for inspection.

The dinner will start at 12 o'clock and the Tech orchestra will render an interesting list of selections.

The menu is as follows:

MENU.

Julienne Soup.
Fried Filet of Sole, Tartar Sauce.
Parisienne Potatoes.

Roast Chicken, Giblet Sauce.
Mashed Potatoes. Green Peas.

Vanilla Ice Cream. Cake.

Coffee.

Tickets will be thirty cents, and are now on sale by the Union committee, and also at lunch ticket counter in the dining room. Tables may be reserved until 12:15, Friday, by speaking to the steward.

After the dinner, Miss Janis and her friends are going to start traffic going again, this time for the Tech Field. She will have a private auto, but the members of the corps will go to the Field in the sophomore Buzz Wagon.

A request was made to have the Union as the headquarters for autos, instead of Rogers.

CROSS-COUNTRY SURVEY

Credit for the surveying of the new six mile Technology Cross-country course should be given to Elmer Jacobs 1910, L. G. Fitzherbert 1911, and H. G. Watkins 1912. The laying out of the course required a great amount of time from the men, and the saving of money to the athletic committee, because of their enthusiasm and work, amounted to a large sum.

NEW Y. M. C. A. BUILDING

When the committee on the new Y. M. C. A. building met at R. H. Stearns' last night, and the result of the two weeks campaign were read, a great cheer was given. As it slowly died away, the big bell in the steeple of the New Old South is report to have rung with sympathetic vibration.

Here is the best part of it, The Tech Y. M. C. A. contributed \$381.00.

Guess that small hand did go around!

TECH SHOW FOR 1910 SOON TO BE ANNOUNCED

Great Variety Of Titles And Usual High Standard Promised

Monday was the last day to hand in books for the play of the Tech Show 1910, and the same number of books were entered as last year. Most of the manuscripts were read by the stage manager and have been forwarded to Coach Francis for him to judge. In the opinion of the stage manager, the books are up to the high standard set by former plays and the outlook for an excellent show is therefore especially good. The titles of the books vary greatly; there being a choice of names from "North Pole" to "Darkest Africa."

The envelope containing the name of the winning author will be opened at the big Show Kommer's dinner in the Union, on Nov. 20. The books which are not accepted will be left at the Cage after Nov. 20, together with the corresponding sealed envelope. Elaborate plans are being made to make this year's Kommer's the best ever given.

During the week following Field Day, the first call for candidates for the positions of assistant business managers of the Show will be made. There is an unusually good opportunity this year, and it is expected that a number of men will respond when the call is made. The work in this department consists of getting out the souvenir program, as well as the handling of all money. The experience gained is certainly worth the trouble of at least making an effort to obtain the position.

"CONCERNING TECH"

Last Chance Of Undergraduates To Receive Copy of Book

It appears that the distribution of the undergraduates book, "Concerning the Institute," has not been completed. There are a number of men who have not yet received a copy, and it is the desire of the Institute committee that every undergraduate receive the book.

If every student who has not yet received a copy will drop a card in any of the Tech boxes, which may be found in all the Institute buildings, giving his name, class, and the object of the card, a copy will be left at the Cage for him.

This is the last chance that will be given to obtain the book, and since it is a very important and interesting work, every Tech man should pass in his name at the earliest moment.

Distributions will be by courses and will take place the following days:

Course I—Nov. 3—5th.
Course II—Nov. 5—8th.
Course III—Nov. 8—10th.
Course IV—Nov. 10—15th.
Course V—Nov. 15—17th.
Course VI—Nov. 17—19th.
Course VII—Nov. 19—22nd.
Course VIII—Nov. 22—24th.
Course IX—Nov. 24—26th.
Course X—Nov. 26—29th.
Course XI—Nov. 29—Dec. 1st.
Course XII—Dec. 1—3rd.
Course XIII—Dec. 3—6th.
Course XIV—Dec. 6—8th.

Union, Hamilton and Colgate colleges have entered into a triangular debating league. Three debates are to be held on the same evening on the same question, each college furnishing an affirmative and a negative team.

EXPECT CONTESTS TO BE CLOSE FIELD DAY

All Teams Hard At Work Putting On The Finishing Touches

Field day is only two days off, and all men are strenuously at work to produce the best teams the Institute has ever put out for a field day.

In the sophomore relay camp everything seems to be in good shape. The men are putting in most of their time in passing the flag, as this is the important part of relay work. The team is all picked and is made up as follows:

L. B. Walker, E. Mangan, H. G. Greenleaf, S. H. Seelye, W. M. Gen, H. R. Fox, L. B. Duke, J. I. Murray, F. J. Shepard, V. W. Allen, S. E. Reedland, M. A. Oettinger. The substitutes are A. R. Freedman and J. J. Taylor.

The freshmen are likewise confident of victory. Yesterday afternoon they ran against a team of juniors, although the 1911 men cut corners, they were pushed hard by the under classmen.

The freshman football team has shown up well against their various opponents and have nothing but joyful expectations for the outcome of Friday's game. The probable line-up will be as follows: Gans or Cabill, L.e.; Beebe L.t.; Gilisan or Gage, L.g.; Gustin, c.; Capen L.g.; Murdock L.t.; Block r.e.; Merrill or Weeks L.h.; Gath r.h.; Eichorn L.w.

The sophomore football team, although not showing up well in outside games, are still in a shape to make the freshmen hustle.

Many old men are back, and will duplicate their good work of last year. The men who will probably constitute the team are: Rolinsan L.e.; Whittlesey L.t.; Kebbon L.g.; Lawson c.; Kimball L.g.; Barnes s.t.; Taney r.e.; Eichel q.b.; McCasker L.h.; Raymond r.h.; Beale f.b.

The tug-of-war teams are also well along. The sophomores have a year's experience, and many of last year's men are pulling this year. The men have shown up well for practice during the last week, and a good hard fight will certainly result as far as this team is concerned.

The freshmen are taking advantage of the help given them by the juniors and are going to pull against the latter this afternoon. This will give them actual pulling against an experienced team, and will help to even them up with the sophomores' experience.

TECHNOLOGY CHESS CLUB

The purposes of the Chess Club are to encourage the game of chess among the members of the Institute. To do this at the beginning of each year a house tournament is held, matches are played with other colleges and teams, and simultaneous matches with some such skilled player as Mr. Sussman or Mr. H. B. Daly of the Boston Chess Club. Any student at the Institute is eligible to membership. The dues are 25 cents a term with 25 cents initiation fee.

This year the members have been divided into three classes, according to their playing ability. Each class plays its tournament, and then the winners in each class plays the loser of the class above. In this way a fair estimate of the players' ability is ascertained.

STUDENTS OPERATE GOLD STAMP MILL

Practical And Interesting Work Carried On By Men In Course III

Yesterday from eight-thirty in the morning until three in the afternoon, the stamp mill in the basement of Rogers was running. Prof. Richards was in charge and a gang of ten men worked under him. They were H. S. Arnold, R. L. Beales, R. A. Beckman, B. Bigelow, H. N. Crichton, R. F. Goodwin, R. S. Hopkins, T. T. Sun, B. S. Wohlgenute.

The work was so arranged that each of these ten men had a chance to work an hour in each of the various positions. The men in the order named were for the first half hour, weigher, inspector, runner of stamp mill, amalgamater, vanner inspector, helper on vanner, runner of vanner, number of motor, sketcher.

The gold ore used is from Nova Scotia and is worth about \$30 per ton. During the day's run about 300 kilos were used. The ore, which has previously been crushed, is first fed into the mill and with it about one grain of mercury is added about every twenty minutes. Water flows through continuously and washes the gold amalgam which has formed, through a screen. Most of the ore is too large to pass through and so remains in the mill. Some, however, also flows through the screen and with the gold amalgam is carried into a trough. This trough is lined with silver amalgam which takes up the mercury and gold and allows the other impurities to flow still farther. The gold deposited in the trough constitutes about 20 per cent. of the total product.

The impurities which flow farther are carried out on the vanner. This is a large belt, slightly inclined and traveling upward very slowly. Among other substances in the water which reaches the banner is a compound of gold, iron and sulphur. This is lighter than the remaining waste and by a vibrating motion of the belt is kept from being washed away and gradually travels toward the top of the incline where it is washed into a pan, here to be dried. The gold is then removed by roasting.

A great deal of the gold is, however, left in the mill, in fact, about 80 per cent. This has to be panned out and washed before it can be recovered. The gold is removed from the amalgam by the usual method of distillation.

After the run is over and the products have been obtained, they are weighed, sampled and assayed. The report of the laboratory will be given out on Saturday.

The stamp mill will be run on the following two Tuesdays, so that every member of the class may have the opportunity of seeing the way in which it is worked.

Special Calendar

FRIDAY, NOVEMBER 5

12 M. Field Day Dinner at Union.
2 P. M. 1912 vs. 1913 at Field.
8 P. M. "Tech Night" at Colonial.

THE TECH.

Published daily except Sunday during the college year by students of the Massachusetts Institute of Technology.

Entered as second class matter Sept. 29, 1909, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

General Manager,
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Wednesday Issue.

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All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulation Manager.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by postage at the rate of one cent for each copy.

Subscription \$1.50 per year in advance
Single Copies 1 Cent.

Printed by Puritan Linotype, Boston

BOSTON, MASS., NOVEMBER 3, 1909.

CALENDAR.

Wednesday, November 3.

10:00 A. M.—Dr. Bigelow on "How to Use the Libraries," 6 Lowell.
1:00 P. M.—Meeting of 1913 Relay men in 22 Rogers.
2:00 P. M.—Drill.
3:15 P. M.—Dr. White's last lecture on "Personal Hygiene."
4:30 P. M.—Tug-of-War.
Thursday, November 4.
1:00 P. M.—Meeting of Union Dining Room Committee in Union.
4:15 P. M.—Banjo Club Rehearsal in Union.

Friday, November 5.

12:00 M.—Field Day Dinner at Union.
2:00 P. M.—1912 vs. 1913 at Field.
8:00 P. M.—"Tech Night" at Colonial.
Saturday, November 6.
2:00 P. M.—Orchestra Rehearsal in Union.
2:00 P. M.—Nominations for 1912 Baseball Manager Close.

WITH THE COLLEGES

Yale will be fairly strong in the pole vault next season, judging from the recent results in the annual novice meet for men who have not won their "Y." A sophomore cleared 11 feet 3 inches, three inches higher than the second man.

At a recent meeting of the athletic association of West Point and Annapolis, it was definitely decided to withdraw their fencing teams from further intercollegiate meet. The action is the result of protests by several of the colleges that they could not compete with the Army and Navy teams with any hope of success. Both teams will still engage in dual meets with the several colleges, however, and with each other.

The Illinois Daily Press Association expects to establish a school of journalism modelled after that of the University of Missouri.

Wisconsin University has planned her campus for the next fifty years, with proposed accommodations for 15,000 students.

For the first time within the memory of the present generation of Michigan undergraduates, the annual rush this year will be held by daylight.

By the will of Levi I. Shoemaker of Wilkes-Barre, Yale obtains \$500,000 to be used in the medical department.

Miss Inez Milholland, the Vassar girl athlete and woman suffrage leader, applied for admittance to the Harvard law school and was refused. She was denied admittance solely on the ground that she is a woman and the belief by the Harvard officials that men and women should not study together.

Washington University has invented something new in underclass flag rushes. A pennant put in a box is buried one foot underground and the place marked out by chalk. At a given signal the freshmen rush in to dig up the flag, resisted by the waiting 1912 men, and if the box is lifted above the ground the freshmen win. Ropes, pick-axes and shovels are tabooed.

The students' debating society at Michigan will formally discuss the Cook-Pearry controversy at a joint debate.

With the intention of matching their skill in chess against some of the leading players of Europe, three Pennsylvania undergraduates have sailed for Bremen. They will meet the best representatives of the University of Oxford, Cambridge, Amsterdam and Munich.

Chicago's football team of 1905, of which Walter Eckersall was a member, is to meet the present Chicago eleven.

Pennsylvania musical clubs are planning a trip through the New England states during Christmas vacation.

The Y. M. C. A. building at Tufts has collected \$309,306 in its soliciting campaign.

A Yale Forestry Club has been recently organized with 80 members.

The New England Society in the City of New York presented a bronze medal to the Williams library in commemoration of the hundredth anniversary of the society's founding.

\$215,000 has been appropriated by the Iowa legislature for the erection of a hall of physics at the State University.

John Bergensen, a janitor in Connecticut State College and amateur hypnotist, after hypnotizing Burton White, a classmate, tried in vain for fourteen hours to remove the hypnotic spell. A physician was finally called and with great difficulty restored White to his senses.

STATE GOVERNMENT FOR 1910.

Governor—*Eben S. Draper of Hope-dale.
Lieutenant-Governor — *Louis A. Frothingham of Boston.
Secretary of State—*William M. Olin of Boston.
Treasurer and receiver-general—Elmer A. Stevens of Somerville.
Auditor—*Henry E. Turner of Malden.
Attorney-general—*Dana Malone of Greenfield.

*Re-elected.

COMMUNICATION.

Dear Editor:—

We are all interested in The Horner's Nest, but one question worries us—will the Institute have to sit still for two months to allow the Spectator to catch up on current events? Modern history is always of more interest to live ones than is ancient, so we hope to see some original views expressed on subjects not already worn out by discussion.
JONATHAN SWIFT 1783.

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Investors in this purchasing fund have the option of withdrawal of principal before maturity. A strong National Bank has agreed to act as Trustee of this fund for and on behalf of investors—to see that it is kept intact and used only as a purchasing fund. This bank will pay dividends as they fall due and will return to any certificate holder, upon sixty days' notice, the amount of his investment or any part of it, should he desire to withdraw same at any time before maturity.

The total issue is only \$25,000, each certificate being for \$25. For the present, with each \$25 certificate is given one share of 8 per cent. preferred stock, par value \$10; and with each \$100 purchase five shares of preferred are given. This unusual opportunity really brings the net return up to about 12 per cent., with the prospect of selling the preferred for nearly enough to pay for the whole investment. We make this offer so that it will not be necessary for this announcement to appear extensively, as previous issues have been largely oversubscribed.

If interested in absolute security of principal, large and definite interest return, and opportunity of speedy withdrawal of principal before maturity if desired, this investment should receive your immediate attention. Communications and orders should be addressed, and checks made payable to,

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We are prepared to offer permanent positions to six capable college men, who can secure one thousand dollars to be invested in the above. These positions are either for January or for July 1st, and will pay \$1,200 or more to start, with prospects limited only by ability.

TECH MAN INJURED

Mr. Patrick D. Horgan 1912, of North Dakota, was seriously injured yesterday morning. Horgan works mornings and evenings on the Boston elevated. He is a Course IV. man, and is living at Somerville during the term.

CURRENT EVENTS

Report comes from Addis Abeba, Abyssinia that King Menelik, who recently was stricken with apoplexy, is dying, and that the end is expected every hour.

At a meeting of the Panama-California Exposition directors, it was decided to raise \$1,000,000 as the nucleus of the fund that will be required for holding the exposition to celebrate the opening of the canal in 1915.

The last spike has been drawn joining the final span in the Western Pacific Railroad, from San Francisco to Salt Lake City, and in connection with the other Gould roads establishing a trans-continental system.

International balloon pilots have formed a balloon club here in Boston.

Trinity Court Petit Lunch

November 3, 1909.

Baked Deep Sea Bluefish, Spanish style.
Breaded Veal Outlets, Paprika Sauce.
Braised Shoulder Lamb, Green Peas.
Compote of Rice, Claret Sauce.
Roast Ribs of Beef.
Vienna Roast, Bordilaise Sauce.
Pastry or Coffee.
20c.

EXCHANGES

The fiftieth anniversary of the University of California, which occurs in May, 1910, will be marked by the erection of a \$100,000 alumni hall, which will contain a large assembly hall for the annual alumni reunions, and offices for college publications.

By the reporting of fifty men, Columbia is practically assured of a freshman boat at Poughkeepsie next summer. For several days it was uncertain whether a sufficient number of 1913 men would come out to make it worth while for Coach Rice to give them his time.

The Aeroplane Society of Pennsylvania University, less than a week old, was given a lecture by Charles F. Willard, the Philadelphia aviator who has challenged Bleriot to a long distance flight.

**Bring Her
to the
Field Day Lunch
Friday, Nov. 5
12 to 1
The Tech Union**

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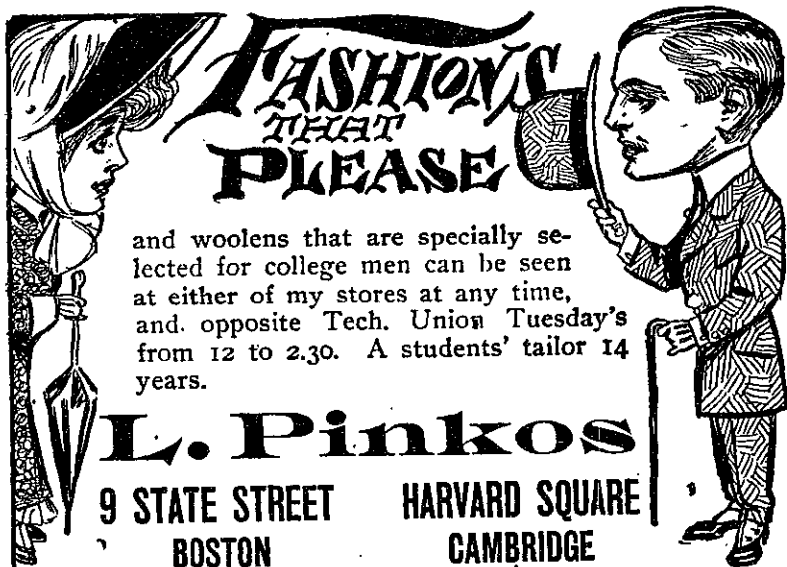
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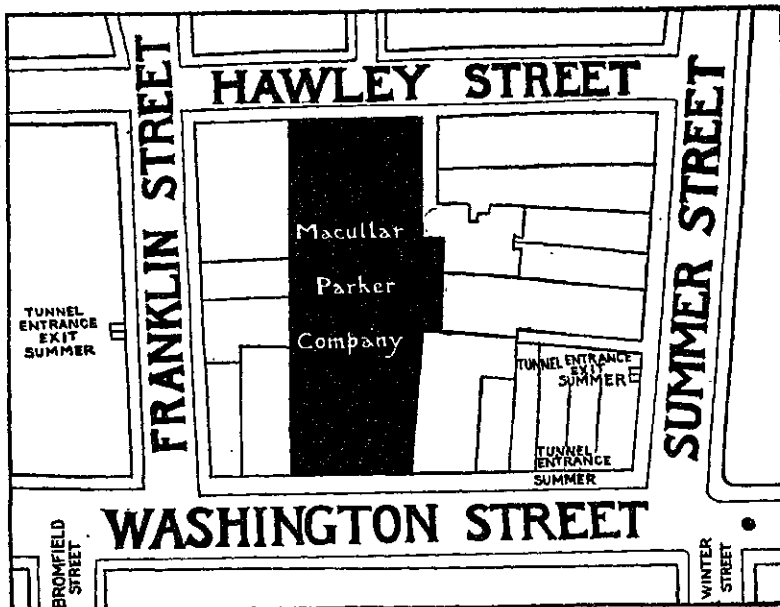
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THIS WEEK

8.45-9.00 a. m. or 1.45-2.00 p. m.

GENERAL NOTICES.

PERSONAL HYGIENE.

The last lecture on "Personal Hygiene," by Dr. White, will be given from 3:15 to 4:15 today, Nov. 3. This is to correct the notice in yesterday's issue, which said that the lecture would be given from 2 to 3 o'clock.

UNION COMMITTEE.

There will be a meeting of the Union Dining Room Committee, Thursday, Nov. 4, at 1 P. M., in the Union.

THEATRE TICKETS.

Tickets for "The Fair Co-Ed" for Friday night may be obtained after today, at the box office of the Colonial theatre.

Entries for Golf Tournament received at Cage until Saturday, Nov. 6.

31-32-3:

Leave orders in The Tech Boxes to have Friday's and Saturday's big Field Day's issues sent home. Sent anywhere except in the Boston Postal District for one cent a copy. In Boston Postal District two cents a copy.

Man will be at Gym every afternoon from 1-4, to measure for Gym suits for all men who want them. Will have samples with him.

LIBRARIES.

On Wednesday, Nov. 3, Dr. Bigelow will give a lecture in 6 Lowell, at 10 A. M., on "How to Use the Libraries."

The coaches of the freshmen tug-of-war team have issued a call to all old 1911 tug-of-war men to help out the 1913 team by coming out to the Oval tonight to pull against them.

LOST AND FOUND.

Hereafter all lost articles may be found at the Cage. Persons finding articles are requested to turn them in promptly at the Cage. They will be advertised in The Tech, and to cover this expense, five cents will be charged against each owner. The latest arrivals are:—One grey glove, one fountain pen, one ring, Tech seal fob-ribbon, one cuff link, one Tech seal button, one ladies' bar pin, notebook of J. R. Grant 1912.

ROOMS.—Large airy front room. Steam heat, hot water, newly furnished, prices reasonable, breakfast obtainable. Mrs. Blanche E. Silcott, Suit 8, The Ikley, Huntington avenue. 31-38

1913.—Drill today from 2 to 3, instead of 3-4 as previously announced.

All 1913 relay men will meet today at 1:00 o'clock in 22 Rogers.

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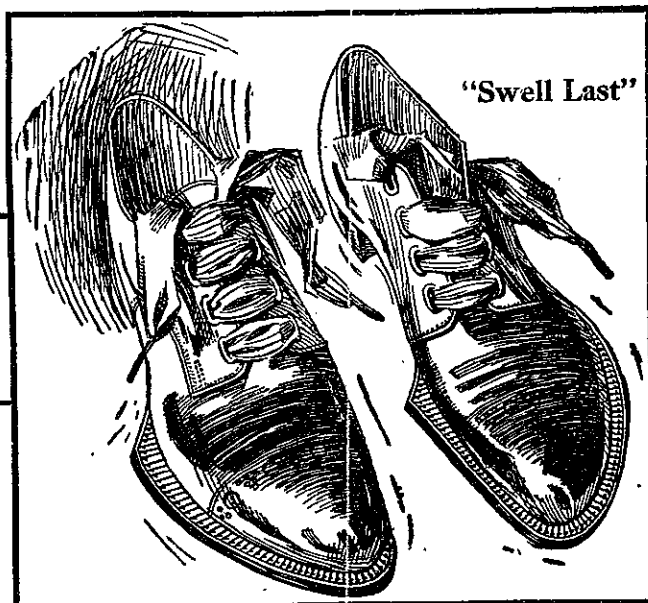
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ble sole . . . \$6.50

STYLE 776

Dark Brown Cord-
ovan, Blucher Ox-
ford, double sole . \$7.50

STYLE 788

French Patent Calf,
Blucher Oxford,
heavy single sole . \$6.50

STYLE 791

Russet Russia Calf,
Blucher Oxford, dou-
ble sole . . . \$7.00